

MS/MS Parameters of Pesticides

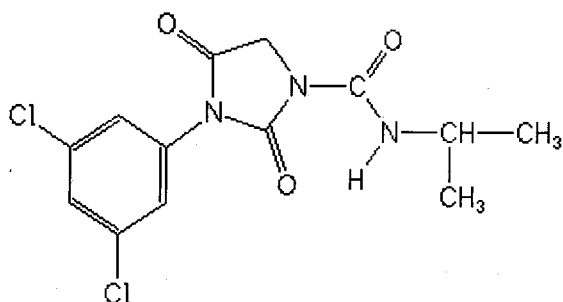
Analyte: Iprodione

CAS No.: 36734-19-7

Formula: C₁₃H₁₃Cl₂N₃O₃

Molecular mass (lowest isotopes): 329,03 amu

Structure:



Ionisation: ESI +

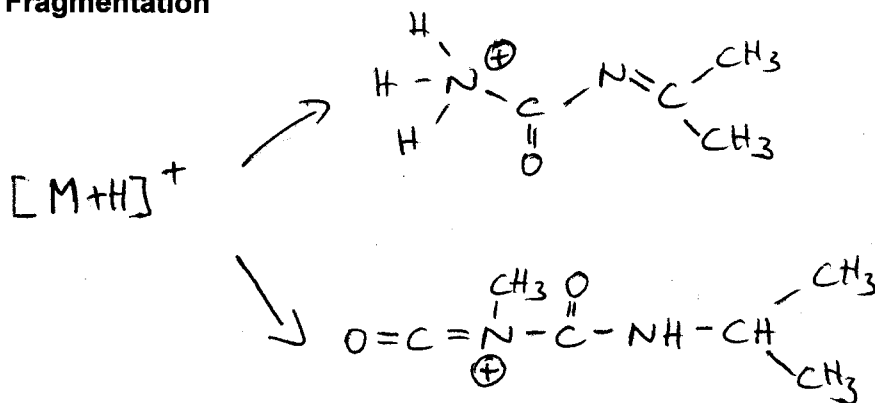
Quasimolecular ion: 330,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	330,0 → 101,0	330,0 → 143,2
Declustering potential (DP) ^{*)}	61V	61 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	11,5 V	10,0 V
Collision cell entrance potential (CEP)	18 V	20 V
Collision energy (CE)	33 V	21 V
Collision cell exit potential (CXP)	6 V	6 V

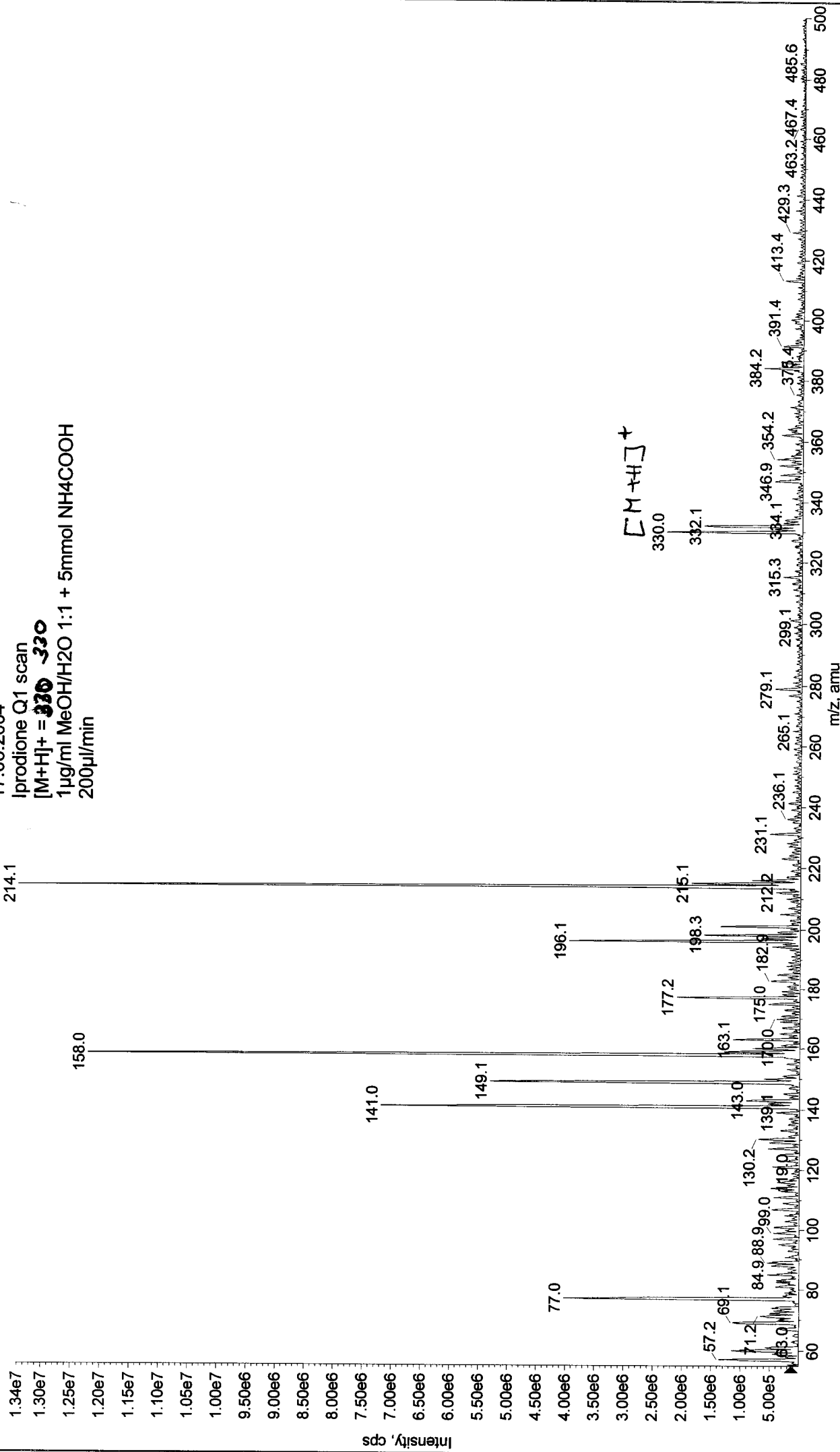
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040617092055.wiff (Turbo Spray) Max. 1.3e7 cps

17.06.2004
Iprodione Q1 scan
[M+H]⁺ = 330
1 µg/ml MeOH/H₂O 1:1 + 5mmol NH₄COOH
200 µl/min



Max. 2.7e5 cps

+MS2 (330.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040617101335.wiff (Turbo Spray)

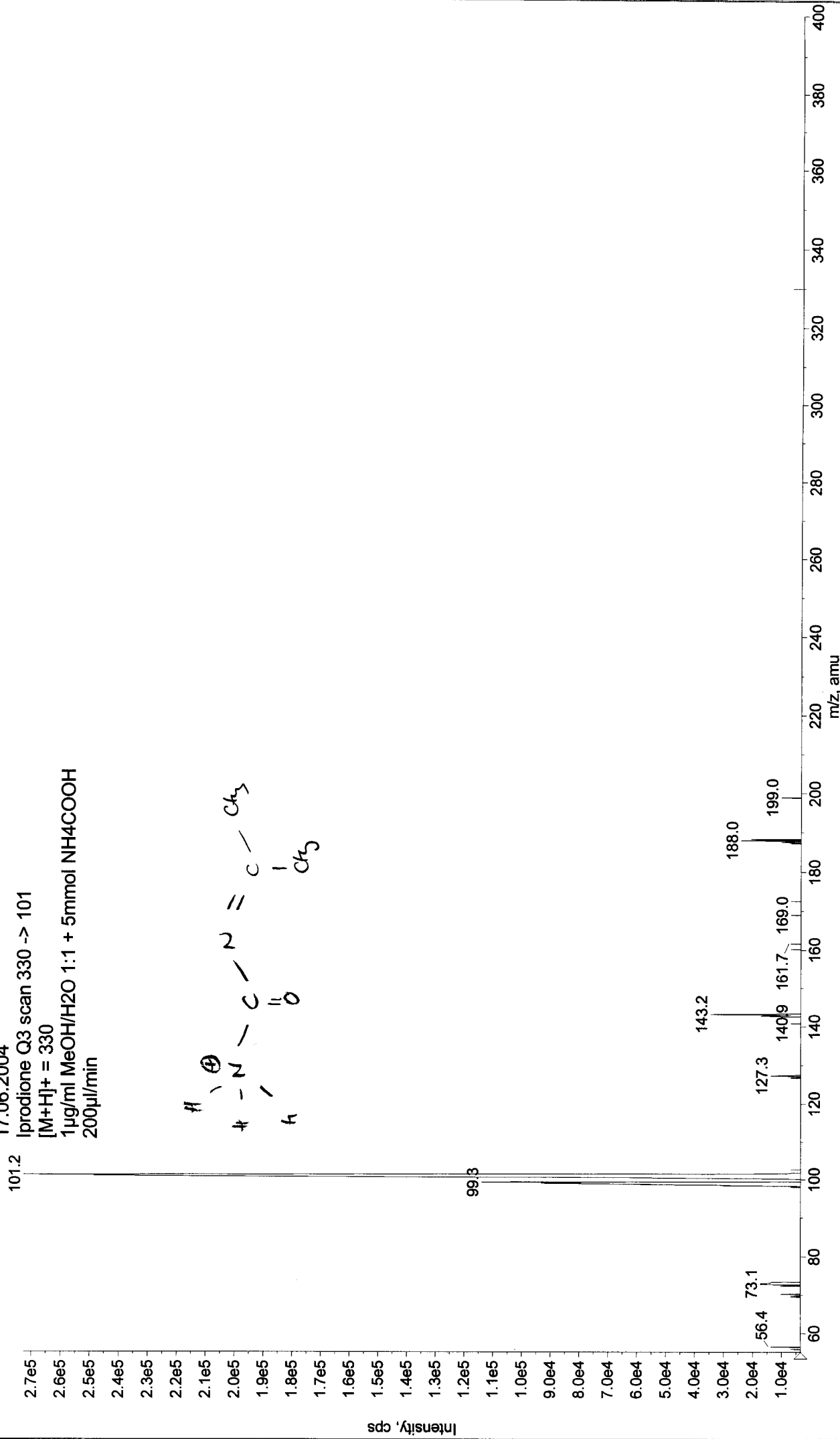
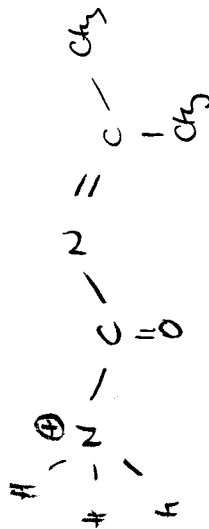
17.06.2004

Iprodione Q3 scan 330 -> 101

[M+H]⁺ = 330

1 µg/ml MeOH/H₂O 1:1 + 5mmol NH₄COOH

200 µl/min



+MS2 (330.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040617110217.wiff (Turbo Spray) Max. 1.4e5 cps.

17.06.2004
Iprodione Q3 scan 330 -> 143 - 143
[M+H]⁺ = 330
1 µg/ml MeOH/H₂O 1:1 + 5 mmol NH₄COOH
200 µl/min

